

METHOD AND APPARATUS FOR DETECTING RAPID CHANGES IN  
SIGNALING PATH ENVIRONMENT

ABSTRACT OF THE DISCLOSURE

A mobile station measures at least one modulation attribute of at least one signal  
5 transmitted across a signaling path of a wireless link between the stations. Because the  
signal travels on the signaling path between the stations, rapid changes in the  
modulation attribute can be used to determine both (i) motions of the mobile station and  
(ii) changes in the base station or mobile station environments. The stations adjust at  
least one parameter affecting the performance of the wireless link to compensate for the  
10 rapid changes.

2479.2071-000